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Contact: Dixon RA
Plant Biology Division
The Samuel Roberts Noble Foundation
7510 Sam Noble Parkway, Ardmore, OK 73402,
Tel: 580 221 7302
Fax: 580 221 7380
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AW693240 52 bp mRNA EST 20-DEC-2000 NF062A03ST1F1000 Developing stem Medicago truncatula cDNA clone NF062A03ST 5', mRNA sequence.
                                                           Bmail: radixon@noble.org
Insert Length: 752 Std Error: 0.0
Plate: 062 row: A column: 03
Seq primer: TCACACAGGAAACAGCTATGAC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Spermatophyta; Magnoliophyta; Fabaceae; Papillonoideae; Trifolieae; Rosidae; eurosids I; Fabales; Fabaceae; Papillonoideae; Trifolieae;
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J., Flores,H.R., Inman,J.T., Weller,J.W.,
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X.-Z., Shadle,G.,
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May, G.D. and Dixon
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LNG07514, mRNA sequence.
     AI859778 40 bp mRNA EST 07-MAR-2000 wm21e09.x1 NCI_CGAP_Ut4 Homo sapiens cDNA clone IMAGE:2436616 similar to TR:Q08380 Q08380 MAC-2 BINDING PROTEIN PRECURSOR. ; mRNA sequence.
AI859778
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Department of Virology
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Jap
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                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: ysuzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and Sugano
,S. Construction and characterization of a full length-enriched and
a 5'-end-enriched cDNA library. Gene 200 (1-2), 149-156 (1997).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ,K., Suyama,A. and Sugano,S. Fine Structural analysis of transcription start sites of human mRNAs using full-length enriched and 5'-end enriched cDNA libra Unpublished (2001)
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1 (bases 1 to 50)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Suzuki,Y., Tsunoda,T., Taira,H., Mizushima-Sugano,J., Sese,J.,
,H., Ota,T., Isogai,T., Tanaka,T., Nakamura,Y., Morishita,S.,
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                                                                                                                                                                                                                                                                                                                  /organism="Homo sapiens"
/db_xref="taxon:9606"
/clone="LNE07514"
/clone_Ilb="Sugano Homo sapiens cDNA library"
/ 15 c 9 g 10 t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /db_xref="taxon:3880"
/clone="NF062A0357"
/clone_lib="Developing stem"
/tissue_type="stem"
/dev_stage="Pooled developmental"
/note="Vector: Lambda Zap; Contains a mixture
internodal stem segments"
22 c 2 g 16 t
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Pred. No. 1.
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Best Local Similarity 77.3
''hes 17; Conservative
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                                                                                                                                                                                                                                                                                              AZ463268 40 bp DNA GSS 1M0272B01F Mouse 10kb plasmid UUGC1M library clone UUGC1M0272B01 F, DNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AI859778.1 GI:5513479
EST.
                                                                                       Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C. Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Re,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhauser
                                                                                                                                                                                                         Mus musculus
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Insert Length: 1070 Std Error: 0.00
Seg primer: -400p from Gibco
High quality sequence stop: 1.
               Unpublished (2000)
                                  plasmid inserts
                                                    Mouse whole genome scaffolding with paired end reads from 10kb
                                                                         and Wright, D., Weiss, R.
                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Emmert-Buck, M.D., Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 40)
NCI-CGAP http://www.ncbi.nlm.nih.gov/nclcgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
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Robert B.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /tissue_type="serous papillary carcinoma, high grade,
pooled tumors"
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/db_xref="taxon:9606"
/clone="IMAGE:2436616"
/clone_11b="NCI_CGAP_Ut4"
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77.3%;
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Primates;
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Pred. No. 2.6e+04;
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                                                                                                                                          Drosophila melanogaster
Eukaryota; Metazoa; Arthropoda; Tracheata; Hexapoda;
Pterygota; Neoptera; Endopterygota; Diptera; Brachyce
Muscomorpha; Ephydroidea; Drosophilidae; Drosophila.

1 (bases 1 to 34)
                                                                                                                                                                                                                                                                                                                                                           AQ025206 34 bp DNA EP(3)1249 Drosophila melanogaster EP line DNA sequence.
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Insert Length: 10000 Std Error:
Plate: 0272 row: B column: 01
Seg primer: CGTTGTAAAACGACGGCCAGT
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Fax: 801 585 7177
                                                 Proc.
                                                                         Drosophila melanogaster
                                                                                      Liao,G.-C., Rehm,E.J. and Rubin,G.M.
Insertion site preferences of the P transposable element
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                                                                                                                                                                                                                                                                          fruit fly.
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                                               Natl. Acad. Sci. U.S.A. 97 (7), 3347-3351 (2000)
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Gerald Rubin
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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/clone="UUGC1M0272B01"
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/strain="C57BL/6J"
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80.0%;
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University of California, Berkeley
LSA Building, Berkeley, CA 94720-3200, USA
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0361 row: M column: 14
                                                                                                                                               University of Utah
University of Utah
                                                                                                                                                                                             Unpublished (2000)
Contact: Robert B.
                                                                                                                                                                                                                                                                                                 Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
                                                                                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 49)
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AZ514447.1 GI:10695859
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clone UUGC1M0361M14 F, DNA sequence.
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                                                                  Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                             Mouse whole genome scaffolding with paired end reads from 10kb
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Fax: 5106439947
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/db xref="taxon:7227"
/clone_jlb="Drosophila melanogaster EP line"
/note="Inverse PCR was performed on Drosophila melanogaster strains a speriormed on Drosophila melanogaster strains each of which contains a single EP transposable element insertion. (The generation of these insertion strains is described in Rorth P. Szabo K. Bailey A. Laverty T. Rehm J. Rubin GM. Weigmann K. Milan M. Benes V. Ansorge W. Cohen SM. 1998. Systematic gain-of-function genetics in Drosophila. Development 6:1049-1057.) The resultant fragment for each strain was directly sequenced to determine the genomic sequence at the site of insertion. Details of the protocols used can be found at http://fruitfly.berkeley.edu/p_disrupt/inverse_pcr.html."
4 a 5 c 17 g 8 t
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                                                                                                                                     Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Res
                                                                                                                                                                                                                                                                                                    Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A., and Wright,D.,Weiss,R.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
                                                                      Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                       Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AZ494986 60 bp DNA GSS 05-OCT-2000 1M0330A09R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0330A09 R, DNA sequence.
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AZ494986.1 GI:10670081
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/clone="UUGC1M0361M14"
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/strain="C57BL/6J"
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Pred. No. 4.7e+04;
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Contact: Robert B. W
University of Utah G
University of Utah
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and Wright,D.,Weiss,R.
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                      Tel: 801 585 5606
Fax: 801 585 7177
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Mammalia; Eutheria; Rodentia; Sclurognathi; Muridae; Murinae; Mus
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Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 60.
Email: ddunn@genetics.utah.edu
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jack
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/strain="C57BL/6J"
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83.3%;
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                                                                                       2030 E.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2 agaacacccgctctctcgcaa 22
                                                             Unpublished (1996)
Contact: Marra MyMouse EST Project
WashU-HHMI Mouse EST Project
Washington University School of MedicineP
4444 Forest Park Parkway, Box 8501, St. Lo
                                                                                                                                                                                                                                                                                                                                  Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 59)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AA098077 59 bp mRNA mk18g04.rl Soares mouse p3NMF19.5 Mus IMAGE: 93302 5', mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Seq primer: CACACAGGAAACAGCTATGACC Class: plasmid ends
                                                                                                                                                                                                                                                                          Marra,M., Hillier,L., Allen,M., Bowles,M., Dietrich,N., Dubu
Geisel,S., Kucaba,T., Lacy,M., Le,M., Martin,J., Morris,M.,
Schellenberg,K., Steptoe,M., Tan,F., Underwood,K., Moore,B.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            EST
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                                                                                                                                                                                                 The WashU-HHMI Mouse EST Project
                                                                                                                                                                                                                                                       Theising, B., Wylie, T., Lennon, G., Soares, B.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AA098077.1 GI:1643631
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Email: mouseest@watson.wustl.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    house mouse.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli xL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Laboratory Mouse DNA Resource
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/clone="UUGC1M0003G03"
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/strain="C57BL/6J"
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Pred. No. 6.5e+04;
0; Mismatches 5
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                                                                     Louis, MO 63108
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AA894695 55 bp mRNA EST 06-APR-1998 oj27d05.s1 NCI_CGAP_Kid3 Homo sapiens cDNA clone IMAGE:1493385 3' similar to TR:Q92510 Q92510 MYELOBLAST KIAA0236.; contains TAR1.t:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ISE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MSR1 repetitive element ;, mRNA sequence. AA894695
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                     High quality sequence stop: 1.
                                            Trace considered overall poor quality Seq primer: -40ml3 fwd. ET from Amers
                                                                                                            www-bio.llnl.gov/bbrp/image/image.html
                                                                                                                            cDNA Library Preparation: M. Bento Soares, Ph.D.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-GGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
                                                                                                                                                                                                                                                Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D.,
Emmert-Buck, M.D., Ph.D.
                                                                                                                                                                                                                                                                                                                    Contact: Robert Strausberg, Ph.D
                                                                                                                                                                                                                                                                                                                                         Unpublished (1997)
                                                                                                                                                                                                                                                                                                                                                               NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Primates; 1 (bases 1 to 55)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AA894695.1 GI:3031096
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (Pharmacia). Library went through one round of normalization to a Cot = 5. Library constructed by Bento Soares and M.Fatima Bonaldo. RNA was kindly provided by
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     double-stranded cDNA was size selected, ligated to Eco RI adapters (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT7T3 vector \mathbf{r}
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/lab_host="DH10B (ampicillin resistant)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /clone_lib="Soares mouse p3NMF19.5"
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12 c 21 g 17 t
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76.2%;
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                                            from Amersham
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Craniata; Vertebrata;
Catarrhini; Hominidae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 59
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source

/organism="Homo sapiens" /db_xref="taxon:9606"

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SOURCE
ORGANISM
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AZ342914
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       A2342914 26 bp DNA GSS 29-SEP-11M0076C22F Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGC1M0076C22 F, DNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                   Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0076 row: C column: 22
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Rese
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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                                                                                                                                                                                                                                                                                                                                                                      High quality sequence stop: 26.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Robert B.
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musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA
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                                                                                                                              /lab_host="E. Coli strain XL10-Gold, T1-resistant, F
/nab_host="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                              /db_xref="taxon:10090"
/clone="UUGC1M0076C22"
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/strain="C57BL/6J"
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/clone_lib="NCI_CGAP_Kid3"
/lab_host="DH10B"
                                                                                                                                                                                  /sex="Male"
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87.5%;
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Query Match Best Local Similarity

54.8%; 78.9%;

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                                                                                                                                                                                        Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
                                                                                                                                                                                                                                                                       to give a tight size distribution (4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. Genome Sequencing: A Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).
                                                                                                                                                                                                                                                                                                                                                                                                                        Constructed at the Institute for Genomic Research (TIGR), Rockville, MD. Genomic DNA isolated from a cloned populat Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanicall
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and nhl@sanger.ac.uk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R., Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L., Melville,S.E., Rajandream,M.A. and Barrell,B.G.
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                                            /organism="Trypanosoma brucei"
|strain="TREU927"
|/db_xref="taxon:5691"
|/clone="194f01"
                                                                                                                                                                        Location/Qualifiers
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2M0145B13R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone_UUGC2M0145B13 R, DNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Seq primer: CACACAGGAAACAGCTATGACC Class: plasmid ends High quality sequence stop: 35.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0145 row: B column: 13
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University of Utah Genome Center
University of Utah
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unpublished (2000)
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                                                                    purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

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                                                                                                                                                                                                             10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWDA2 (gil4732114)gblaF129072.1), a copy-number inducible derivative of plasmid RI. The vector was ligated with adaptors complementary to the insert adaptors and
                                                                                                                                                                                                                                                                                                               (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Mus musculus"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0145B13"
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Best Local 9
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AU106768
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                                        plasmid inserts
                                                                                                                                                                                                                   Mus musculus
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JOURNAL
COMMENT
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

B 1 (bases 1 to 50)
B 1 (bases 1 to 50)
C 1 (bases 1 to 50)
C 2 (bases 1 to 50)
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C 4 (bases 1 to 50)
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                                                                                                                      Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R. and Wright,D., Weiss,R. Mouse, whole genome scaffolding with paired end reads from 10kb
Unpublished (2000)
Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AZ462085 32 bp DNA GSS 1M0269P08F Mouse 10kb plasmid UUGCIM library clone UUGCIM0269P08 F, DNA sequence.
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AU106768.1 GI:13556289
                                                                                                                                                                                                                                                                                                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      HEP11938, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                  (bases 1 to 32)
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Sugano Homo sapiens
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/db_xref="taxon:9606"
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78.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                         Murinae; Mus
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Search completed: March 9, 2002, 00:09:25 Job time: 11041 sec
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ORIGIN
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                                                                                                                                                                                                                                             Query Match 53.9
Best Local Similarity 92.9
Matches 13; Conservative
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                                                                                                                                     5 acacccgctctc 18
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3 ACACCCACTCTCTC 16
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Insert Length: 10000 Std Error: 0.00
Plate: 0269 row: P column: 08
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     High quality sequence stop: 32.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                                                                                                                                                                                                                                                                                                                                                                    was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared bna was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (g114732114|gb)AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli xL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /clone_lib="Mouse 10kb plasmid UUGC1M library"
/sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Mus musculus"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0269P08"
                                                                                                                                                                                                                                                                           53.98;
                                                                                                                                                                                                                                                      0
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